

=> d his

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(FILE 'USPAT' ENTERED AT 08:43:01 ON 12 DEC 1997)
L1      128 S (TAILORED (5A) INTERFACE#)
L2      2699 S (SET# (3A) SERVICE#)
L3      5007 S (TYPE# (3A) SERVICE#)
L4      520 S L2 AND L3
L5      87 S L2 (P) L3
L6      71 S L5 AND (DISTINCT OR SEPARATE OR INDIVIDUAL)
L7      11 S L5 (P) (DISTINCT OR SEPARATE OR INDIVIDUAL)
L8      27 S SERVICE# (5A) (DISTINCT OR SEPARATE OR INDIVIDUAL) (5A)
INT
L9      6 S (SET# OR TYPE#) (P) L8
L10     10 S L1 AND L2
L11     1 S L1 (P) L2
L12     17 S L1 AND L3
L13     0 S L1 (P) L3
L14     0 S L1 AND L4
L15     0 S L1 AND L8
L16     0 S L7 (P) INTERFACE#
L17     1924 S (DEC OR (DIGITAL EQUIPMENT CORP?))/AS
L18     0 S L1 AND L17
L19     12 S L4 AND L17
L20     13 S HU, W?/IN
L21     3 S L17 AND L20
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=> d l11 ti,ab,kwic

US PAT NO: 5,129,086 :IMAGE AVAILABLE: L11: 1 of 1
TITLE: System and method for intercommunicating between
applications and a database manager

ABSTRACT:

An interfacing system and method for use in computerized systems for intercommunication between application and database systems. A plurality of generic application program interfaces are employed as an interface for use in precompiler development as a runtime interface target to initialize data structures with data required to perform runtime database query language-related functions. The application program is isolated from the database kernel interface facilitating alteration of the database kernel interface without affecting the application program or user-developed precompilers. Parameters used by the interface are employed by applications written to a plurality of host languages. The applications indirectly use these data structures required by the kernel. The interface system supports serialized multiple thread access to the database kernel facilitating performance/functional benefits of multi-threaded applications.

SUMMARY:

BSUM(19)

By defining the runtime **services** interface **set** of the present invention, the application may be isolated from a software kernel such as that of a database manager, . . . developers thereby may avoid necessity to create their own set of interfaces to perform functions provided by the interface. The **interface** of the invention is **tailored** to the tasks specified by a task array, an output parameter of the precompiler services SQLGCMPL function, whereby precompiler developers. . .

5,572,625
4,908,859
claim 1, 6, 11
Def'd 5
BSUMS